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NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	Jun 03	New e-mail delivery for search results now available
NEWS 4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 7	Sep 03	JAPIO has been reloaded and enhanced
NEWS 8	Sep 16	Experimental properties added to the REGISTRY file
NEWS 9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 11	Oct 24	BEILSTEIN adds new search fields
NEWS 12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 13	Nov 18	DKILIT has been renamed APOLLIT
NEWS 14	Nov 25	More calculated properties added to REGISTRY
NEWS 15	Dec 04	CSA files on STN
NEWS 16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 17	Dec 17	TOXCENTER enhanced with additional content
NEWS 18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS 19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS 20	Feb 13	CANCERLIT is no longer being updated
NEWS 21	Feb 24	METADEx enhancements
NEWS 22	Feb 24	PCTGEN now available on STN
NEWS 23	Feb 24	TEMA now available on STN
NEWS 24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 25	Feb 26	PCTFULL now contains images
NEWS 26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27	Mar 20	EVENTLINE will be removed from STN
NEWS 28	Mar 24	PATDPAFULL now available on STN
NEWS 29	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 30	Apr 11	Display formats in DGENE enhanced
NEWS 31	Apr 14	MEDLINE Reload
NEWS 32	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 33	Apr 21	Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS 34	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 35	Apr 28	RDISCLOSURE now available on STN
NEWS 36	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 37	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS 38	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 39	May 16	CHEMREACT will be removed from STN
NEWS 40	May 19	Simultaneous left and right truncation added to WSCA

NEWS 41 May 19 RAPRA enhanced with new search field, simultaneous left and right truncation

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
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AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
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NEWS WWW CAS World Wide Web Site (general information)

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=> s polymerase(w)chain(w)reaction (2a)labeled (2a) forward and reverse
(2a)primers

L1 0 POLYMERASE(W) CHAIN(W) REACTION (2A) LABELED (2A) FORWARD AND
REVERSE (2A) PRIMERS

=> s polymerase(w)chain(w)reaction and labeled (2a) forward and reverse
(2a)primers

L2 5 POLYMERASE(W) CHAIN(W) REACTION AND LABELED (2A) FORWARD AND
REVERSE (2A) PRIMERS

=> dup rem l2

PROCESSING COMPLETED FOR L2

L3 5 DUP REM L2 (0 DUPLICATES REMOVED)

=> d 13 1-5

L3 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2003 ACS
AN 2002:104711 CAPLUS
DN 136:146124
TI A PCR-based multiplex assay for determining haplotype
IN Affourtit, Jason Patrick; Seymour, Albert Barnes
PA Pfizer Products Inc., USA
SO Eur. Pat. Appl., 11 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1178119	A2	20020206	EP 2001-306444	20010727
	EP 1178119	A3	20020828		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2002272482	A2	20020924	JP 2001-226119	20010726
	US 2002025530	A1	20020228	US 2001-918203	20010730
PRAI	US 2000-221756P	P	20000731		

L3 ANSWER 2 OF 5 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2001:402519 BIOSIS
DN PREV200100402519
TI Energy-transfer cassette labeling for capillary array electrophoresis
short tandem repeat DNA fragment sizing.
AU Berti, Lorenzo; Medintz, Igor L.; Tom, Jennifer; Mathies, Richard A. (1)
CS (1) Department of Chemistry, University of California, 307 Lewis Hall,
Berkeley, CA, 94720: rich@zinc.cchem.berkeley.edu USA
SO Bioconjugate Chemistry, (July August, 2001) Vol. 12, No. 4, pp. 493-500.
print.
ISSN: 1043-1802.
DT Article
LA English
SL English

L3 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2003 ACS
AN 2000:655935 CAPLUS
DN 134:142390
TI Screening for single-nucleotide polymorphisms using branch migration
inhibition in PCR-amplified DNA
AU Lishanski, Alla
CS Advanced Diagnostics Group, Dade Behring Inc., San Jose, CA, 95135, USA
SO Clinical Chemistry (Washington, D. C.) (2000), 46(9), 1464-1470
CODEN: CLCHAU; ISSN: 0009-9147
PB American Association for Clinical Chemistry
DT Journal
LA English
RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 5 LIFESCI COPYRIGHT 2003 CSA
AN 1998:31204 LIFESCI
TI Three new polymorphisms in the human complement factor H gene and
promoter
region
AU Warwick, P.; Goodship, T.H.J.; Goodship, J.A.*

CS Department of Medicine, University of Newcastle upon Tyne, Newcastle upon Tyne NE1 4LP, UK
 SO IMMUNOGENETICS, (19970900) vol. 46, no. 5, pp. 437-438.
 ISSN: 0093-7711.
 DT Journal
 FS F; G
 LA English

L3 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:770750 CAPLUS
 DN 128:176625
 TI A rapid screening method for hepatocyte nuclear factor 1 alpha frameshift mutations; prevalence in maturity-onset diabetes of the young and late-onset non-insulin dependent diabetes
 AU Frayling, Timothy M.; Bulman, Michael P.; Appleton, Maggie; Hattersley, A. T.; Ellard, Sian
 CS Institute of Clinical Science, Division of Molecular Genetics, University of Exeter, Exeter, UK
 SO Human Genetics (1997), 101(3), 351-354
 CODEN: HUGEDQ; ISSN: 0340-6717
 PB Springer-Verlag
 DT Journal
 LA English

=> FIL STNGUIDE

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	ENTRY	SESSION
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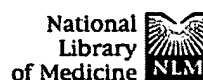
FULL ESTIMATED COST

3.74

40.10

STN INTERNATIONAL LOGOFF AT 15:57:03 ON 06 JUN 2003

L Number	Hits	Search Text	DB	Time stamp
1	0	polymerase adj1 chain adj1 reaction near5 fluoroscent	USPAT; US-PGPUB; DERWENT	2003/06/06 14:05
2	32862	polymerase adj1 chain adj1 reaction	USPAT; US-PGPUB; DERWENT	2003/06/06 14:05
3	243	(polymerase adj1 chain adj1 reaction) and energy adj1 transfer adj2 labels	USPAT; US-PGPUB; DERWENT	2003/06/06 15:24
4	57603	PCR and label\$ primers	USPAT; US-PGPUB; DERWENT	2003/06/06 15:25
5	2419	(PCR and label\$ primers) and energy adj1 transfer	USPAT; US-PGPUB; DERWENT	2003/06/06 15:25
6	15	((PCR and label\$ primers) and energy adj1 transfer) and fluorscent	USPAT; US-PGPUB; DERWENT	2003/06/06 15:26
7	2134	((PCR and label\$ primers) and energy adj1 transfer) and fluorescent	USPAT; US-PGPUB; DERWENT	2003/06/06 15:26
8	2067	((PCR and label\$ primers) and energy adj1 transfer) and fluorescent) and different	USPAT; US-PGPUB; DERWENT	2003/06/06 15:27
9	1169	((PCR and label\$ primers) and energy adj1 transfer) and fluorescent) and different) and proximity	USPAT; US-PGPUB; DERWENT	2003/06/06 15:27
10	308	((PCR and label\$ primers) and energy adj1 transfer) and fluorescent) and different) and proximity) and stimulus	USPAT; US-PGPUB; DERWENT	2003/06/06 15:28



PubMed	Nucleotide	Protein	Genome	Structure	PMC	Taxonomy	OMIM	Books	
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		Limits	Preview/Index	History	Clipboard	Details			

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Entrez
PubMed

☐ 1: Koo K, Jaykus LA.

Related Articles, Links



Detection of *Listeria monocytogenes* from a model food by fluorescence resonance energy transfer-based PCR with an asymmetric fluorogenic probe set.
Appl Environ Microbiol. 2003 Feb;69(2):1082-8.
PMID: 12571032 [PubMed - indexed for MEDLINE]

PubMed
Services

☐ 2: Medintz I, Wong WW, Mathies RA.

Related Articles, Links



Fluorescence labeling methods for microchannel plate capillary electrophoresis DNA sizing.
J Capillary Electrophor. 2002;7(3-4):43-9.
PMID: 12212908 [PubMed - indexed for MEDLINE]

☐ 3: Tong AK, Ju J.

Related Articles, Links



Single nucleotide polymorphism detection by combinatorial fluorescence energy transfer tags and biotinylated dideoxynucleotides.
Nucleic Acids Res. 2002 Mar 1;30(5):e19.
PMID: 11861924 [PubMed - indexed for MEDLINE]

Related
Resources

☐ 4: Berti L, Medintz IL, Tom J, Mathies RA.

Related Articles, Links



Energy-transfer cassette labeling for capillary array electrophoresis short tandem repeat DNA fragment sizing.
Bioconjug Chem. 2001 Jul-Aug;12(4):493-500.
PMID: 11459452 [PubMed - indexed for MEDLINE]

☐ 5: Wen L.

Related Articles, Links



Two-step cycle sequencing improves base ambiguities and signal dropouts in DNA sequencing reactions using energy-transfer-based fluorescent dye terminators.
Mol Biotechnol. 2001 Feb;17(2):135-42.
PMID: 11395862 [PubMed - indexed for MEDLINE]

☐ 6: Berti L, Xie J, Medintz IL, Glazer AN, Mathies RA.

Related Articles, Links



Energy transfer cassettes for facile labeling of sequencing and PCR primers.
Anal Biochem. 2001 May 15;292(2):188-97.
PMID: 11355850 [PubMed - indexed for MEDLINE]

☐ 7: Myakishev MV, Khripin Y, Hu S, Hamer DH.

Related Articles, Links



High-throughput SNP genotyping by allele-specific PCR with universal energy-transfer-labeled primers.
Genome Res. 2001 Jan;11(1):163-9.
PMID: 11156625 [PubMed - indexed for MEDLINE]

- ☐ **8:** [Saussele S, Weisser A, Muller MC, Emgi M, La Rosee P, Paschka P, Kuhn C, Willer A, Hehlmann R, Hochhaus A.](#) [Related Articles, Links](#)
Frequent polymorphism in BCR exon b2 identified in BCR-ABL positive and negative individuals using fluorescent hybridization probes.
Leukemia. 2000 Nov;14(11):2006-10.
PMID: 11069038 [PubMed - indexed for MEDLINE]
- ☐ **9:** [Chen X, Kwok PY.](#) [Related Articles, Links](#)
Homogeneous genotyping assays for single nucleotide polymorphisms with fluorescence resonance energy transfer detection.
Genet Anal. 1999 Feb;14(5-6):157-63.
PMID: 10084108 [PubMed - indexed for MEDLINE]
- ☐ **10:** [Gut M, Leutenegger CM, Huder JB, Pedersen NC, Lutz H.](#) [Related Articles, Links](#)
One-tube fluorogenic reverse transcription-polymerase chain reaction for the quantitation of feline coronaviruses.
J Virol Methods. 1999 Jan;77(1):37-46.
PMID: 10029323 [PubMed - indexed for MEDLINE]
- ☐ **11:** [Chen X, Livak KJ, Kwok PY.](#) [Related Articles, Links](#)
A homogeneous, ligase-mediated DNA diagnostic test.
Genome Res. 1998 May;8(5):549-56.
PMID: 9582198 [PubMed - indexed for MEDLINE]
- ☐ **12:** [Chen X, Kwok PY.](#) [Related Articles, Links](#)
Template-directed dye-terminator incorporation (TDI) assay: a homogeneous DNA diagnostic method based on fluorescence resonance energy transfer.
Nucleic Acids Res. 1997 Jan 15;25(2):347-53.
PMID: 9016564 [PubMed - indexed for MEDLINE]
- ☐ **13:** [Wang Y, Wallin JM, Ju J, Sensabaugh GF, Mathies RA.](#) [Related Articles, Links](#)
High-resolution capillary array electrophoretic sizing of multiplexed short tandem repeat loci using energy-transfer fluorescent primers.
Electrophoresis. 1996 Sep;17(9):1485-90.
PMID: 8905265 [PubMed - indexed for MEDLINE]
- ☐ **14:** [Wang Y, Ju J, Carpenter BA, Atherton JM, Sensabaugh GF, Mathies RA.](#) [Related Articles, Links](#)
Rapid sizing of short tandem repeat alleles using capillary array electrophoresis and energy-transfer fluorescent primers.
Anal Chem. 1995 Apr 1;67(7):1197-203.
PMID: 7537476 [PubMed - indexed for MEDLINE]
- ☐ **15:** [Lopez E, Chypre C, Alpha B, Mathis G.](#) [Related Articles, Links](#)
Europium(III) trisbipyridine cryptate label for time-resolved fluorescence detection of polymerase chain reaction products fixed on a solid support.
Clin Chem. 1993 Feb;39(2):196-201.
PMID: 8381731 [PubMed - indexed for MEDLINE]

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